

Product Details for 1 -406507 -3



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[Active](#)

PCB Mounted Jacks - Single Port, Multi port and Stacked

[RoHS Compliant \(Statement of Compliance\)](#)

Product Highlights:

- ? Jack
- ? Single Port Configuration
- ? 1 x 1 Jack Configuration
- ? Jack Type = RJ45
- ? Number of Positions = 8

[View all Features](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- ? [INVERTED MODULAR JACK ASSEMBLY, 1X1, SHIELDED, PANEL...](#) (PDF, English)

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? [High Performance Modular Plugs & Jacks, PCB Mounted](#) (PDF, English)

Application Specifications:

- ? [Modular Jacks](#) (PDF, English)

Instruction Sheets:

- ? None Available

CAD Files: ([CAD Format & Compression Information](#))

- ? [3D Model](#) (STEP, Version F)
- ? [3D Model](#) (IGES, Version F)
- ? [2D Drawing](#) (DXF, Version F)

[List all Documents](#)

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- ? [Product Type](#) = Jack
- ? [Jack Type](#) = RJ45
- ? [Number of Positions](#) = 8
- ? [PCB Mount Angle](#) = Side Entry (Right Angle)
- ? [PCB Mount Style](#) = Thru Hole
- ? [PCB Termination Type](#) = Solder
- ? [Shielded](#) = Yes
- ? [Performance Category](#) = Cat 5
- ? Number of Contacts Loaded = 8
- ? [Grounding Options](#) = Panel Ground and PCB Ground
- ? [Panel Stops](#) = Without
- ? [Keyed](#) = No
- ? [Profile](#) = Standard
- ? IR Reflow Compatible = No
- ? [Color](#) = Black
- ? Shield Material = Copper Alloy
- ? PCB Thickness (mm [in]) = 1.57 [0.062]
- ? Comment = Recommended applications: Fast Ethernet, 10Base -T Ethernet, and 10/100 Base -T Ethernet (Cat 5 on two pair 1/2, 3/6).

Mechanical Attachment:

- ? [Jack Configuration](#) = 1 x 1
- ? [Panel Attachment](#) = With
- ? Flanged = No

Termination Related Features:

- ? [Height \(mm \[in\]\)](#) = 13.34 [0.525]
- ? [Solder Tail Plating](#) = Tin over Nickel

Body Related Features:

- ? Port Configuration = Single
- ? [Inverted Jack Face](#) = Yes
- ? [LED](#) = With
- ? Shield Plating = Tin
- ? Number of PCB Ground Tabs = 2
- ? [PCB Tail Length \(mm \[in\]\)](#) = 2.54 [0.100]
- ? Insulator Material = Polyester
- ? PCB Ground Tab Location (mm [in]) = -3.43 [-0.135]

Contact Related Features:

- ? [Contact Mating Area Plating](#) = Gold (50) over Nickel (50)
- ? Contact Material = Phosphor Bronze

Housing Related Features:

- ? Housing Material = High Temperature Thermoplastic
- ? Housing Flammability Rating = UL 94V -0

Industry Standards:

- ? [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- ? RoHS/ELV Compliance History = Always was RoHS compliant

Identification Marking:

- ? [LED Position 1 Color](#) = None
- ? [LED Position 2 Color](#) = Yellow
- ? [LED Position 3 Color](#) = None

Packaging Related Features:

- ? Panel Ground Location = Top, Top and Side
- ? Packaging Method = Tray

Other:

- ? Brand = AMP